

# ***RELAP5-3D Software Licensing Updates***

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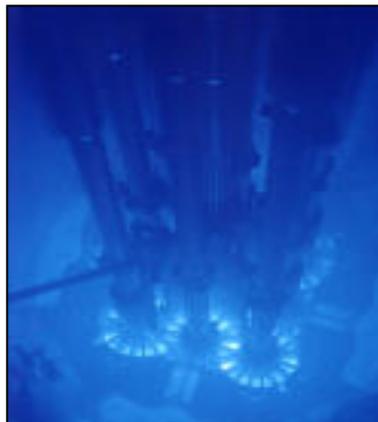
International RELAP Users Group Meeting  
Idaho Falls, Idaho

[www.inl.gov](http://www.inl.gov)



## ***Benefits of IRUG Membership***

- Access to an internationally recognized tool for safety and engineering analyses of nuclear power reactors and pressure vessels
- Provides a control point for maintenance and improvements to RELAP5-3D
- Training classes offered in conjunction with annual meeting
- Cost sharing mechanism for code improvements



## ***2013 Highlights***

- RELAP5-3D Version 4.1.2 planned Sept. release – variable gravity
- 93% of all license fees reinvested in development and support
- IRUG membership increased from 31 in 2010 to 73 in 2013
- Introductory training classes at the 2013 IRUG annual meeting
- RELAP5-3D is being used by reactor vendors for preparation of NRC license applications
- SMR models under development

# FY 2013 License Activity

## Domestic

	New Members	Renewals	Existing Members	Totals
Universities	5	2	10	<b>17</b>
Commercial	3	4	1	<b>8</b>
Government Use	2	1	12	<b>15</b>
Simulator (RT)			3	<b>3</b>
Sub-Total	<b>10</b>	<b>7</b>	<b>26</b>	<b>43</b>

## International

	New Members	Renewals	Existing Members	Totals
Universities	1		10	<b>11</b>
Commercial	12	4	2	<b>18</b>
Simulator (RT)			1	<b>1</b>
Sub-Total	<b>13</b>	<b>4</b>	<b>13</b>	<b>30</b>

Total Licensees **73**

# *Export Control Requirements*

- DOE determination: RELAP5-3D falls under 10 CFR 810
- BEA and Licensees both have responsibilities for compliance
- Expedited review process
- Standardized “Program Participant Form”

## **Our Checklist:**

- ✓ Legal name of licensee
- ✓ Full names and citizenship of end users and contacts
- ✓ Full addresses and phone number
- ✓ End use of the code
- ✓ IRUG membership level requested

## Goals for 2014

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### Goal: Continuous Improvement

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- Expand distribution of RELAP5-3D 4.x in non-nuclear markets
- Increase multi-year license agreements
- Improve internal tracking and reporting
- Offer intermediate training class
- Add RELAP5-3D

## *Summary*

- RELAP5-3D Version 4.1.2 expected to be released in September
- Two consecutive years with no increase in annual license fees
- Continuous growth since 2010
- Automated renewal notices sent electronically to licensees
- Product improvements continue to be added

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